

Docket No. 424 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

IRP Overhead ROW

Interim Week Inspection:

Date: November 12, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.28” on 10/25/14

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)
Pomfret, CT: MS 44-47 (Str. 224-239)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT (KS): MS 54
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

Work Observed: (by Map Sheet and Structure Number / Site)

MS24, Str 124: Structure Installation.

MS27, Str 142-143: Re-installation of silt fence at Str 142, drilling operations at Str 142.

MS42, Str 214: Pouring of concrete foundation for Str 214.

MS55-56, Str 274: Extending entrance drive with stone and placement of filter fabric under stone, hammering rock up-line of Str 280.

MS57, Str 289: Delivery of construction materials, building of access road and entrance from Heritage Road.

MS61, Str 307-309: Chipping brush into truck, mowing down-line of Str 308, sweeping of roadway after truck exits site. (Photo 7)

MS62, Str 311-312: Clearing operations.

MS64-66, Str 325-337: Building of pulling pad up-line of Str 336, spreading of hay on exposed topsoil.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: November 19, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 1.55” on 11/17/2014

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Coventry, CT: MS 6-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly, CT: MS 47-50 (Str. 240-255)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

Work Observed: (by Map Sheet and Structure Number / Site)

MS5-8, Str 26-44: Pulling operations.

MS27, Str 144: Drilling operations.

MS31, Str 161: Drilling operations.

MS34, Str 178: Drilling operations.

MS35, Str 180 & 182-183: Drilling operations at Str 180, building of access road and structure pads 182 and 183.

MS42, Str 214: Drilling operations.

MS48, Str 245: Drilling operations.

MS55, Str 275-276: Improvements to access road up-line of Str 275.

MS58, Str 292-293: Installation of access road and structure pad 293, farmland protection measures are in place.

MS59, Str 300-301: Installation of access road and structure pad.

MS62, Str 311-317: Clearing operations and chipping brush at Str 317.

MS63-64, Str 318-325: Clearing operations, chipping at Str 323, mowing at Str 320. Grading and compacting of structure pad 325.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (11/12)	Adjacent roadways clear and free of sediment at all visited sites. Str 309: Observed sweeping of roadway after trucks leave construction site. (Photo 7)	Continue to follow this procedure. Continue to follow this procedure.	NA NA
	Bi-Week (11/19)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (11/12)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
	Bi-Week (11/19)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
Water Crossings	Interim Week (11/12)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands. Str 327: Observed wetland crossing with filter fabric between timber mats. (Photo 8)	Continue to follow this procedure. Continue to follow this procedure.	NA NA

	Bi-Week (11/19)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Interim Week (11/12)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		Str 143: Observed moving and re-installation of silt fence. (Photo 3)	Continue to follow this procedure.	NA
		Str 167: Observed check dams, water bars, plunge pools and hay bale reinforced silt fence up-line of Str 167. (Photo 1 & 2)	Continue to follow this procedure.	NA
Str 215: Observed dewatering in dirt-bag.		Continue to follow this procedure.	NA	
	Bi-Week (11/19)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		Str 284: Erosion from structure pad 284 observed in an upland area. (Photo 5 & 6) This is not considered a compliance issue.	NA	Northern intends to fix slope, remove sediment, and create preventive erosion control measures for future storms.
		Str 325: Observed spreading of hay on exposed topsoil.	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (11/12)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

	Bi-Week (11/19)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Spills and Material Storage.	Interim Week (11/12)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (11/19)	Spill kits noted on all visited sites. Str 161, 178, 214: Noted child pools under drilling machinery for precautionary measures. (Photo 4)	Continue to follow this procedure. Continue to follow this procedure.	NA NA
Cultural Resources	Interim Week (11/12)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	Bi-Week (11/19)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA

Rare, Threatened, and Endangered Species	Interim Week (11/12)	NA	NA	NA
	Bi-Week (11/19)	NA	NA	NA

Additional Documentation Comments:
Notes for 11/12/2014:

- Drilling operations ongoing at Str 142 and Str 214.
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 84-87, 89-100, and 269-270.

Notes for 11/19/2014:

- Drilling operations ongoing at Str 144, 161, 178, 180, 214, and Str 245.
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 84-87, 89-100, and 269-270.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: November 25, 2014

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Independent Field Inspector: John M. Corbo, EIT 11/20/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 11/24/2014



Photo #1: Observed armored water bar, plunge pool, and hay bale reinforced silt fence up-line of Str 167. (11/12)



Photo #2: Observed silt fence and hay bale check dams up-line of Str 167. (11/12)



Photo #3: Observed moving and re-installing silt fence at Str 143. (11/12)



Photo #4: Spin off container and emergency spill protection under drilling machinery at Str 161. (11/19)



Photo #5: A portion of Str pad 284 eroded in an upland area from Monday's storm. (11/19)



Photo #6: Extent of erosion from Str pad 284 in an upland area. (11/19)



Photo #7: Observed sweeping of roadway after truck exits site at Str 309. (11/12)



Photo #8: Wetland crossing with filter fabric between timber mats up-line of Str 327. (11/12)